



# Welding Safety Training

**Language Available:**

- English
- Spanish

**Student Count (per class):**

- Min = 1
- Max = 20

**Course Duration:**

- 1.5 Hours

**Course Materials:**

- Handouts
- Quiz

**Virtual Training:**

- Optional

**Course Overview**

This comprehensive welding safety training program equips participants with the knowledge and skills necessary to safely perform welding operations in accordance with OSHA regulations (29 CFR 1910.252) and industry best practices.

**Discussion Topics:**

- Introduction to Welding Processes and Hazards
- Fire Safety Principles and Prevention Practices
- Electrical Safety for Arc Welding (Grounding, Equipment Inspection)
- Safe Gas Welding Procedures (Cylinder Handling, Leak Detection, Ventilation)
- Personal Protective Equipment (PPE) Selection and Use for Welding
- Ventilation and Fume Control Techniques
- Emergency Response Procedures (Fire, Electrical Hazards, Explosions)
- OSHA Welding Safety Standards (29 CFR 1910.252)
- Safe Work Habits and Housekeeping Practices in the Welding Environment